POWER OF ATTORNEY

		<u>OR CONTROLLING THI</u> N DIOXIDE SUBSTRATE		
		H DEPOSITED SILICON		
		CERTIFICATE UNDER 3	7 CFR 3.73(b)	
	8000 S. Federal Way, Bo	r, Inc., a corporation of the Soise, ID 83706-9632 certifies nt application identified about	that it is the assign	nee of the entire right,
A.	[X] An assignment from which is attached.	the inventor(s) of the patent	t application identif	fied above, a copy of
OF	₹			
	[] A chain of title from urrent assignee as shown	the inventor(s), of the patent below:	t application identi	fied above, to the
	urrent assignee as shown	below:		fied above, to the
	urrent assignee as shown 1. From: The document was		rademark Office at	
	urrent assignee as shown 1. From: The document was Reel Frame	below: To: recorded in the Patent and T, or for which a copy th	rademark Office at tereof is attached.	t
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The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

Micron Technology, Inc. hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Reg. No. 26,397
Reg. No. 27,262
Reg. No. 29,001
Reg. No. 28,046
Reg. No. 33,579
Reg. No. 38,769
Reg. No. 39,564
Reg. No. 37,654
Reg. No. 41,491
Reg. No. 35,060
Reg. No. 30,871
Reg. No. 34,095

Address all telephone calls to (937) 223-2050. Address all correspondence to: KILLWORTH, GOTTMAN, HAGAN & SCHAEFF, L.L.P., One Dayton Centre, One South Main Street, Suite 500, Dayton, Ohio 45402-2023.

Micron Technology, Inc. hereby declares that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:	17/1,1958
Name:	Michael L. Lynch
Title:	Chief Patent Counsel
Signature:	ns 24/

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled: METHOD FOR CONTROLLING THE MORPHOLOGY OF DEPOSITED SILICON ON A SILICON DIOXIDE SUBSTRATE AND SEMICONDUCTOR DEVICES INCORPORATING SUCH DEPOSITED SILICON(Docket MIO 037 PA), described and claimed

<pre>X in the attached specification;</pre>
in the specification filed, as U.S. Application Serial No, and as
U.S. Application Serial No, and as
in
amended I hereby state that I have reviewed and understand the contents of
the above identified specification, including the claims as filed
and as amended by any amendment referred to above.
I acknowledge the duty to disclose to the Patent and Trademark
Office all information known to me to be material to patentability
I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a).
I further declare that all statements made herein of my own
knowledge are true and that all statements made on information and
belief are believed to be true; and further that these statements
were made with the knowledge that willful false statements and the
like so made are punishable by fine or imprisonment, or both, under \$1001 of Title 18 of the United States Code, and that such willful
false statements may jeopardize the validity of the application or
any patent issuing thereon.
Full name of sole or first Inventor: David L. Chapek
Inventor's signature Wan L. Chyl
Date: 4/30/98
Residence: 23 Sullivan Street
Nashua, NH 03060
Citizenship: USA

8000 S. Federal Way Boise, ID 83706-9632

Post Office Address: c/o Micron Technology, Inc.

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
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JULY 10, 1998

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KILLWORTH, GOTTMAN, HAGAN & SCHAEF LLP

ATTN: TIMOTHY W. HAGAN

ONE DAYTON CENTRE, SUITE 500

ONE SOUTH MAIN STREET

DAYTON, OH 45402-2023

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/04/1998

REEL/FRAME: 9159/0921

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHAPEK, DAVID L.

DOC DATE: 04/30/1998

ASSIGNEE:

MICRON TECHNOLOGY, INC. 8000 SOUTH FEDERAL WAY BOISE, IDAHO 83706-9632

SERIAL NUMBER: 09072262

PATENT NUMBER:

FILING DATE: 05/04/1998

ISSUE DATE:

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy therees
. Name of conveying party(ies):	2. Name and address of receiving party(ies)
David L. Chapek	Name: Micron Technology, Inc.
	Internal Address:
dditional name(s) of conveying party(ies) attached? ☐ YesXX No	225°s
. Nature of conveyance:	Street Address: 8000 South Federal Way
☑ Assignment ☐ Merger	Street Address. 6000 South Federal way
☐ Security Agreement ☐ Change of name	City: Boise State: Idaho ZIP:83706-9632
Other	Additional name(s) & address(es) attached? Yes XX No
Execution Date: April 30, 1998	
Application number(s) or patent number(s): MIO 037 PA	
If this document is being filed together with a new application	, the execution date of the application is: April 30, 1998
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers	attached? ☐ Yes XXNo
5. Name and address of party of whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Killworth, Gottman, Hagan & Schaeff LLP	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: One Dayton Centre	Enclosed
Suite 500	☐ Authorized to be charged to deposit account
Street Address: One South Main Street	8. Deposit account number:
City: <u>Dayton</u> State: <u>Ohio</u> ZIP: 45402-2023	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
b. Chatamant and signature	ation is true and correct and any attached copy is a true copy of
the original document.	They bear the second of the se
Timothy W. Hagan	May 4, 1998 Date
Name of Person Signing	ignaturé Date
Total number of pages including cove	r sheet, attachments, and document:

Serial No. Filed:

ASSIGNMENT

WHEREAS, David L. Chapek, of Nashua, Hillborough County, New Hampshire, invented certain new and useful METHOD FOR CONTROLLING THE MORPHOLOGY OF DEPOSITED SILICON ON A SILICON DIOXIDE SUBSTRATE AND SEMICONDUCTOR DEVICES INCORPORATING SUCH DEPOSITED SILICON (Docket MIO 037 PA), for which I executed an application for letters patent of the United States;

AND WHEREAS, Micron Technology, Inc., a corporation of the State of Delaware, with a place of business at 8000 South Federal Way, Boise, Idaho 83706-9632, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I hereby agree that, upon request, I will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

this 36 day of day of day of 1998.
Dan L Cly
David L. Khapek
State of (m) HampShue) ss County of Hullsborough)
state of flat flat state is
County of Allsborough)
On this day of, 1998, before me a Notary Public in and for the above County and State, personally appeared the above named David L. Chapek, personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.
Demise M. Cuyette, Notary Public